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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Miller S. I.  
Serial No. : 09/068,804  
Filed : May 14, 1998  
Title : SALMONELLA SECRETED PROTEINS AND USES THEREOF

Art Unit : 1641  
Examiner : Baskar, P

Assistant Commissioner for Patents  
Washington, D.C. 20231

RESPONSE

In response to the action mailed October 14, 1999, please amend the application as follows:

In the Claims:

Cancel claims 1-16:

Amend claim 17 as follows:

sub 1  
C1  
17. (Amended) A method of inducing uptake of a bacterial cell by an epithelial cell in a mammal, comprising increasing expression of the DNA of claim [4] 46 or [6] 52 in said cell and administering said cell to said mammal.

[Add new claims 46-86.]

Sub E1  
C2  
--46. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO: 1.

47. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 5.

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